

**COIN CONTROL CONNECTORS  
PREPAYMENT COIN SERVICE  
OPERATION TEST  
USING TEST SET SD-90469-02 (J94710A)  
STEP-BY-STEP SYSTEMS**

**1. GENERAL**

- 1.01 This section describes a method of testing coin control connectors in step-by-step offices using the SD-90469-02 (J94710A) test set.
- 1.02 This section is reissued to delete testing information for auxiliary line circuits. Since this reissue covers a general revision, arrows ordinarily used to indicate changes have been omitted.
- 1.03 This test checks coin control connector operations through an auxiliary line circuit to prepayment coin subscriber lines for coin disposal.
- 1.04 Local instructions should be followed with reference to recording any register operations caused by performing these tests.
- 1.05 All keys, jacks and lamps referred to are located at the test set unless otherwise specified.
- 1.06 The tests should preferably be made during periods of light traffic.

- 1.07 **Lettered Steps:** The letters a, b, c, etc., are added to a step number to indicate that the steps cover an action which may or may not be required, depending on local conditions. The conditions under which a lettered step or series of steps should be made are given in the action column, all the steps governed by the same letter. When a condition does not apply, the associated steps should be omitted.

**2. APPARATUS**

- 2.01 Test set, J94710A (SD-90469-02).
- 2.02 Test telephone set - 52A Head Telephone set (for use with the J94710A test set).
- 2.03 Patching cord - P3E cord, 6 feet long (3P6D cord) equipped with two No. 310 plugs (or equivalent) (for connecting battery and ground to test set).
- 2.04 Testing cord - W3A cord, 12 feet long, equipped with a No. 310 plug and three KS-6780 clips (3W3A cord) (for connecting the T jack to tip, ring and sleeve of the auxiliary line circuit).

**3. PREPARATION**

<b><u>STEP</u></b>	<b><u>ACTION</u></b>	<b><u>VERIFICATION</u></b>
1	Connect BAT G jack to frame battery supply jack  <b>Note:</b> Connect cord to test set first and, when disconnecting, remove from test set last	
2	Connect test telephone set to TEL jack and operate TRS key	

# SECTION 226-440-501

## 4. METHOD

<u>STEP</u>	<u>ACTION</u>	<u>VERIFICATION</u>
3	Connect T jack to T, R, S terminals of auxiliary line circuit C.D.F. block	If BSY lamp is lighted disconnect or wait until lamp is extinguished
4a	If trunk is arranged for dial tone before coin deposit - Operate DL ST, CBT LP keys	Dial tone heard
5a	Operate CN key	
6b	If trunk is arranged for dial tone after coin deposit - Operate DL ST, CBT LP keys	No dial tone heard
7b	Operate CN key	Dial tone heard
8	Dial operator code ( )	Operator answers REV lamp lighted CR lamp lighted for 1/2 sec.
9	Check with operator as to class of service tone heard	Prepay coin line tone heard
10	Advise operator number of line being used	
11	Request operator to establish the necessary connections and apply coin return current	CR lamp flashes at 1/2 sec. intervals Coin return tone heard by operator No loud clicks heard in test telephone receiver
12	Restore CN key	CR lamp extinguished
13	Operate CN key	
14	Request operator to apply coin collect current	CC lamp flashes at 1/2 sec. intervals Coin collect tone heard by operator No loud clicks heard in test telephone receiver
15	Restore CN key	CC lamp extinguished
16c	If further tests are to be made - Request operator to use a different connector on each test until all connectors have been used	
17	Operate FL key	REV lamp extinguished
18	When tests are completed restore keys Disconnect testing cords	